

1,3-Dioxolane
646-06-0 | DTXSID4027284

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 80.6 °C

Global applicability domain: Inside

Local applicability domain index: 6.90e-01

Confidence level: 7.26e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>1,3-Dioxolane</div> <div>Measured: 78.0</div> <div>Predicted: 80.6</div>	<div>Image not found</div> <div>Methyl chlorocarbonate</div> <div>Measured: 70.5</div> <div>Predicted: 71.7</div>	<div>Image not found</div> <div>Butyraldehyde</div> <div>Measured: 74.8</div> <div>Predicted: 71.3</div>
<div>Image not found</div> <div>Methyl ethyl ketone</div> <div>Measured: 79.5</div> <div>Predicted: 72.4</div>	<div>Image not found</div> <div>Epichlorohydrin</div> <div>Measured: 117</div> <div>Predicted: 103</div>	<div>Image not found</div> <div>Epichlorohydrin</div> <div>Measured: 117</div> <div>Predicted: 103</div>